

Title (en)  
WIRELESS TELECOMMUNICATIONS APPARATUS AND METHODS

Title (de)  
VORRICHTUNG UND VERFAHREN FÜR DRAHTLOSE TELEKOMMUNIKATION

Title (fr)  
APPAREIL ET PROCÉDÉS DE TÉLÉCOMMUNICATIONS SANS FIL

Publication  
**EP 3539339 B1 20240703 (EN)**

Application  
**EP 17777606 A 20171006**

Priority  
• EP 16198538 A 20161111  
• EP 2017075546 W 20171006

Abstract (en)  
[origin: WO2018086807A1] A method of operating a wireless telecommunications system for communicating higher layer data from network infrastructure comprises establishing an allocation of radio resources for the network infrastructure equipment to use for transmitting higher layer data to the terminal device during a higher layer data transmission period; transmitting an indication of the allocated radio resources to the terminal device; beginning transmission of the higher layer data to the terminal device at the beginning of the higher layer data transmission period; and subsequently identifying during the higher layer data transmission period whether any of the allocated radio resources which have not yet been used are needed by the network infrastructure equipment for transmitting other data in the wireless telecommunications system, and if so, establishing a subset of the allocated radio resources for the network infrastructure equipment to use for transmitting other data and transmitting other data using the subset of the allocated radio resources; and wherein the method further comprises the network infrastructure equipment conveying to the terminal device during the higher layer data transmission period an indication of which of the allocated radio resources are used for the transmission of other data.

IPC 8 full level  
**H04W 72/23** (2023.01)

CPC (source: EP US)  
**H04L 1/0057** (2013.01 - US); **H04L 1/0061** (2013.01 - US); **H04L 25/0202** (2013.01 - US); **H04L 27/2697** (2013.01 - US);  
**H04W 72/0446** (2013.01 - US); **H04W 72/23** (2023.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2018086807 A1 20180517**; CN 109964521 A 20190702; CN 109964521 B 20230523; EP 3539339 A1 20190918; EP 3539339 B1 20240703;  
US 10887878 B2 20210105; US 11706772 B2 20230718; US 2019268885 A1 20190829; US 2021120533 A1 20210422;  
US 2023362949 A1 20231109

DOCDB simple family (application)  
**EP 2017075546 W 20171006**; EP 17777606 A 20171006; US 201716346129 A 20171006;  
US 202017136042 A 20201229; US 202318353124 A 20230717